

Translating Phrases

Translate each verbal phrase into an algebraic expression.

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| 1) Thirty-five take away y reduced by factor of five is 5 | $\frac{35 - y}{5} = 5$ |
| 2) Combine two-thirds of h and 26 corresponds to 34 | $\frac{2h}{3} + 26 = 34$ |
| 3) Product of 4 and z decreased by 14 multiplied by 6 gives 18 | $6(4z - 14) = 18$ |
| 4) Five-sevenths of x deducted from 19 coincides with 14 | $19 - \frac{5x}{7} = 14$ |
| 5) Three divides 4 times t plus five gives eleven | $\frac{4t + 5}{3} = 11$ |
| 6) Thrice the sum of 9 times z and 1 is same as 30 | $3(9z + 1) = 30$ |
| 7) x diminished by three-fifths of x is equal to 10 | $x - \frac{3x}{5} = 10$ |
| 8) Difference between 25 and factor of 11 and j will be 3 | $25 - 11j = 3$ |
| 9) Ratio of sum of fifteen and seven times h to three is 12 | $\frac{15 + 7h}{3} = 12$ |
| 10) 3 multiplied by the double of f minus nine equivalent to fifteen | $3(2f - 9) = 15$ |